

IRON ORES

INDUSTRY DESCRIPTION

This report shows 1963 Census of Mineral Industries statistics for establishments classified in industry 1011, Iron Ores. This industry represents establishments primarily engaged in mining, beneficiating, or otherwise preparing iron ores and manganese ores valued chiefly for their iron content. The industry includes the production of sinter and other agglomerates in association with mining and beneficiating activities. Blast furnaces primarily engaged in producing pig iron from iron ore are classified as manufacturing plants in industry 3312, Blast Furnaces and Steel Mills. The production of sinter and other agglomerates in conjunction with blast furnace operations is also classified as manufacturing.

SUMMARY OF FINDINGS

The total value of shipments and receipts of the Iron Ores Industry amounted to \$762 million. Of this total, over 98 percent represented products primary to the industry. Establishments in the iron ores industry accounted for more than 99 percent of the total of approximately 75 million long tons of usable iron ore shipped in all mineral industries.

These figures represent gross value of shipments and contain duplication because of the inclusion of the value of minerals transferred from one establishment to other establishments in the same industry for treatment or resale. The value of iron ores and concentrates transferred to other establishments for beneficiation, agglomeration, or resale was \$53 million which yields a net value of shipments and receipts of \$709 million.

The production index for the primary products of the Iron Ores Industry increased to 106 in 1963 from the 1958 level of 90. The unit value index for 1963 was 119 compared to 123 in 1958. Both indexes were computed on a basis of 1954 = 100.

The general statistics (employment, payrolls, value of shipments, cost of supplies, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the production of secondary products and in the

performance of contract
work for others. This fact should be taken into account in comparing
industry statistics
(tables 1 to 4 and 7^a to 12) with product statistics (table 6) showing
shipments by all in-
dustries of the primary products of the specified industry.

COMPARABILITY WITH BUREAU OF MINES STATISTICS

The Bureau of the Census statistics on primary products of the iron
ores industry are,
in general, comparable with product statistics on iron ores published
by the Bureau of
Mines. Such differences as occur result principally from differences in
data collection
methods, coverage, and objectives sought. The most nearly
comparable statistics from
the two bureaus are shown in the table below. Major reasons for the
differences in
product statistics are as follows: